

PCT/PTO
PATENT ABSTRACTS OF JAPAN

29 AUG 2005

(11)Publication number : 60-247515

(43)Date of publication of application : 07.12.1985

(51)Int.Cl.

B29C 39/22
B29C 39/42
// C08J 5/00
B29K105:24

(21)Application number : 59-105355

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(22)Date of filing : 23.05.1984

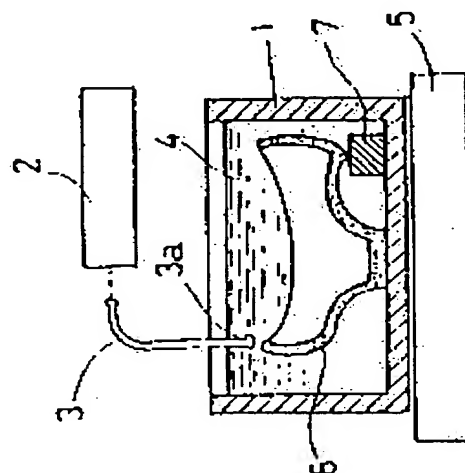
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(54) OPTICAL SHAPING METHOD

(57)Abstract:

PURPOSE: To enable to manufacture easily and accurately without necessitating change of a tool such as a blade even if a shape is complicated, by performing selectively supply of light energy necessary for curing to a photo-setting fluid material curing by light beam.

CONSTITUTION: An appropriate quantity of a photo-setting material 4 is put into a container 1, light from a light source device 2 is made to emit under a state wherein the tip 3a of a light-conduction material 3 is made to approach to the bottom of the container, the container 1 is moved by a position controller 5 and a cured part which is brought into contact with the bottom of the container 1 is formed. In succession to the above either after the container 1 has been descended a little or while it is being descended gradually, the container 1 is moved in a horizontal direction and a cured part continuing to the foregoing cured part is formed. As the cured part is being formed while the container is being moved appropriately in this manner, a desired-shape solid 6 can be obtained. Depending upon a shape of a shaping material being desired, an appropriate rest 7 is kept arranged within the container 1, shaping is performed from the upper part of the rest 7 separately from the shaping from the bottom of the container and those two cured parts can be made to be continued.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's]

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